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**Claim 1 (Amended).** A method for modulating growth-factor activation comprising contacting a cell [or an organism] which contains a growth-factor receptor capable of being activated with a modulator of G-protein mediated signal transduction, or an organism comprising such a cell, so as to activate the growth-factor receptor, wherein said activation of the growth-factor receptor is mediated by its extracellular domain.

**Claim 20 (Amended).** A method for identifying and providing modulators of G-protein mediated signal transduction comprising contacting a cell which contains a growth-factor receptor capable of being activated with a test compound suspected to be a modulator of G-protein mediated signal transduction and determining the degree of growth-factor receptor activation, wherein activation of the growth-factor receptor is mediated by its extracellular domain.